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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known				
Application Number	10/688,214			
Filing Date	October 15, 2003			
First Named Inventor	Ivan Osorio			
Art Unit	1614			
Examiner Name	TBD			
Attorney Docket Number	011738.00137			

U.S. PATENT DOCUMENTS					
Examiner Cite		Document Number	Issue/Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
iM		US- 3522811	08/04/1970	Schwartz et al.	
1	<u> </u>	US- 3850161	11/26/1974	Saul Liss	
		US- 3863625	02/04/1975	Viglione et al.	
		US- 3967616	07/06/1976	Sidney A. Ross	
		US- 3993046	11/23/1976	Femandez et al.	
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		US- 4038536	07/26/1977	Paul L. Feintuch	
		US- 4295474	10/20/1981	Robert E. Fischell	
-I		US- 4373527	2/15/1983	Robert E. Fischell	
		US- 4417592	11/29/1983	John E. Roy	
		US- 4566464	01/28/1986	Piconne et al.	
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7		US- 5311869	05/19/1992	Nappholz et al.	
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7		US- 5335657	08/09/1994	Terry Jr. et al.	·
1		US- 6473639	10/24/2002	Fischell et al.	•
		US- 6480743	11/12/2002	Kirkpatrick et al.	
		US- 6560486	05/06/2003	Osorio et al.	
		US- 6591138	07/08/2003	Ficshell et al.	
		US- 6597954	07/22/03	Pless et al.	
1		US- 6647298	11/11/2003	Fischell et al.	
Im		US- 2002/0013614	01/31/2002	David L. Thompson	

7			
Examiner Signature	6. Manual	Date Considered	3/6/06

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Substitute for form 1449A/PTO		Complete If Known			
			1. 21	Application Number	10/688,214
INFO	RMATION	DIS	CLOSURE	Filing Date	October 15, 2003
STAT	STATEMENT BY APPLICANT			First Named Inventor	Ivan Osorio
				Art Unit	1614
	(Use as many she	ets as	necessary)	Examiner Name	TBD
Sheet	2	of	4	Attorney Docket Number	011738.00137

			U.S. PATENT D	OCUMENTS	
Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan
		Number - Kind Code ² (if known)	MM-DD-YYYY	•	Passages or Relevant Figures Appear
M		US- 5487754	01/30/1996	Snell et al.	
1		US- 5626145	05/06/1997	Clapp et al.	
		US- 5683422	11/04/1997	Mark T. Rise	
		US- 5713922	02/03/1998	Gary William King	
		US- 5713923	02/03/1998	Ward et al.	·
		US -5716377	02/10/1998	Rise et al.	
		US- 5720770	02/24/1998	Nappholz et al.	
		US- 5743860	04/28/1998	Hively et al.	
		US- 5752976	05/19/1998	Duffin et al.	
	I	US- 5792186	08/11/1998	Mark T. Rise	
		US- 5978702	11/02/1999	Ward et al.	
		US- 5995868	11/30/1999	Dorfmeister et al.	
		US- 6016449	01/18/2000	Fischell et al.	
		US- 6018682	01/25/2000	Mark T. Rise	
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		US- 6083248	07/04/2000	David L. Thompson	
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		US- 6117066	09/12/2000	Abrams et al.	
		US- 6128537	10/03/2000	Mark T. Rise	
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		US- 6134474	10/17/2000	Fischell et al.	
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		US- 6224549	05/01/2001	Win Van Drongelen	
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	<u> </u>	US- 6230049	05/08/2001	Fischell et al.	
	1	US- 6337997	01/08/2002	Mark T. Rise	
		US- 6341238	01/22/2002	Osorio et al.	
	<u> </u>	US- 6353754	03/05/2002	Fischell et al.	
	1	US- 6356784	03/12/2002	Lozano et al.	
		US- 6360122	03/19/2002	Fischell et al.	
	<u> </u>	US- 6366813	04/02/2002	Daniel J. Di Lorenzo	
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	· · · ·	US- 6427086	07/30/2002	Fischell et al.	
		US- 6459936	10/01/2002	Fischell et al.	
1		US- 6466822	10/15/2002	Benjamin D. Pless	·
11/1		US- 6473639	10/24/2002	Fischell et al.	

		<i></i>		
Examiner Signature	F. Manuel	Date Considered	3/6/06	

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Substitute for form 1449B/PTO Complete if Known Application Number 10/688.214 INFORMATION DISCLOSURE October 15, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Ivan Osorio 1614 Art Unit (Use as many sheets as necessary) **TBD** Examiner Name 011738.00137 Attorney Docket Number Sheet

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Ţ 2
M	i	Alan V. Oppenheim & Ronald W. Schafer, Digital Signal Processing, Prentice-Hall, Inc., Englewood Cliffs, New Jersey, pg. 18-24, 1975.	
		Gotman J., & Gloor, P., "Automatic Recognition and Quantification of Linterictal Epileptic Activity in the Human Scalp EEG", Electroencephalography and Clinical Neurophysiology, 41:513-529, 1976.	
		B. Litt and J. Echauz, "Prediction of Epileptic Seizures", 1 The Lancet Neurology 22 May 2002.	
		H. Qu & J. Gotman, "A Seizure Warning System For Long-term Epilepsy Monitoring", 45 Neurology 2250, 1995.	
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		Lapkin et al., "The Electroencephalogram in Childhood Basilar Artery Migraine", 27Neurology 580-583, June 1977.	
		Murro et al., "Computerized Seizure Detection of Complex Partial Seizures", 79 Electroencephalography and Clinical Neurophysiology 330-333, 1991.	
		P. Rajna and C. Lona, "Sensory Stimulation for Inhibition of Epileptic Seizures", 30(2) Epilepsia 168-174, 1989.	
		R.P. Lesser et al., "Brief Bursts of Pulse Stimulation Terminate Afterdischarges Caused by Cortical Stimulation", Neurology 53, December 1999.	
		Webber, W.R.S. et al., "Automatic EEG Spike Detection: What Should the Computer Imitate", 87 Electroencephalography and Clinical Neurophysiology 330-333, 1993.	
m		Grassberger, Peter et al., "Characterization of Strange Attractors" Vol. 50, No.5., The American Physical Society, January 31, 1983.	

Examiner Signature	G. Manuel	Date Considered	3/6/06

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Substitute for form 1449B/PTO Complete if Known Application Number 10/688,214 INFORMATION DISCLOSURE October 15, 2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Ivan Osorio Art Unit 1614 (Use as many sheets as necessary) **TBD** Examiner Name 011738.00137 Sheet Attorney Docket Number

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
org		lasemidis, L. D. and Sackellares, J. C. "Chaos Theory and Epilepsy". The Neuroscientist, 2:118126, 1996. http://citeseer.ist.psu.edu/iasemidis96chaos.html	
		Elger, Christian E., et al., "Short Communication: Seizure Prediction By Non- Linear Time Series Analysis of Brain Electrical Activity" European Journal of Neuroscience, Vol. 10, pgs. 786-789 (1998)	
		Gotman, J., "Seizure Recognition and Analysis", Montreal Neurological Institute and Deartment of Neurology and Neurosurgery, McGill University, Montreal, Quebec. H3A 2B4 (Canada)	
	·	Vachtsevanos, G.J., et al. "Neuro-Fuzzy Approaches to Decision Making: A Comparative Study With An Application to Check Authorization" Journal of Intelligent and Fuzzy Systems, Vol. 6, pgs. 259-278 (1998)	
m		Osorio, Ivan, et al., "Real-Time Automated Detection and Quantitative Analysis of Seizures and Short-Term Prediction of Clinical Onset" Epilepsia, Vol. 39(6) pgs. 615-627, (1998)	
		·	

Examiner Signature	G. Manuel	Date Considered	3/6/06

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Substitute for form 14 Complete if Known Application Number 10/688,214 INFORMATION DISCLOSURE Filing Date October 15, 2003 STATEMENT BY APPLICANT First Named Inventor Ivan Osorio Art Unit 1614 (Use as many sheets as necessary) **TBD** Examiner Name Sheet Attorney Docket Number 011738.00137

	U.S. PATENT DOCUMENTS				
Examiner	Cite	Document Number	Issue/Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Ched Document	Passages or Relevant Figures Appear
M		US- 3,735,756	05/29/1973	Richards, et al.	
7		US- 4,844,075	07/04/1989	Liss, et al.	
		US- 5,315,994	05/31/1994	Guibert, et al.	
M	1	US- 6,021,352	02/01/2000	Christopherson, et al.	

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Substitute	e for form 1449	B/PTO		Complete if Known			
INIEC	DAZATI	ON DIG	CI OCUPE	Application Number	10/688,214		
			CLOSURE	Filing Date	October 15, 2003		
STA	IEMEN	IBYA	PPLICANT	First Named Inventor	Ivan Osorio		
				Art Unit	1614		
	(Use as ma	ny sheets as	necessary)	Examiner Name	TBD		
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M		International Search Report (6 pages)				
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